

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Li-Shiang Liang, et al.
Serial No.: Not yet assigned
Confirm. No.: Not yet assigned
Filing Date: Herewith
Title: ELECTRODEIONIZATION APPARATUS AND METHOD
Art Unit: Not yet assigned

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

PRELIMINARY AMENDMENT

Prior to examination, kindly amend the above-identified application as follows.

In the Claims

Applicants have submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please cancel claims 1-34, 59-60, 64-66, and 76-92, without prejudice or disclaimer.

1-34. Cancelled.

35. (Original) A method of purifying water comprising:

applying an electric field to an electrodeionization apparatus, the electrodeionization apparatus comprising a cation exchange layer, an anion exchange layer and a mixed ion exchange layer;

passing a first fluid through the cation exchange layer to produce a second fluid;

adjusting the pH of the second fluid by passing the second fluid through the anion exchange layer to produce a third fluid; and

passing the third fluid through the mixed ion exchange layer.